TRANSMITTAL FORM			Application No.	09/75	53,254		
			Filing Date	Dece	mber 29, 2000		
(to be used for all correspondence after initial filing)		First Named Inventor	Davi	d A. Helder			
		Art Uniț					
			Examiner Name	Ollie	Pearson		
Total Number of P	ages in This Submiss	ion 6	Attorney Docket Number	4239	0P7527		
	ENCLOSURES (check all that apply)						
Fee Transmittal F	Form	Drawing(s)			After Allowance Communication to Group		
Fee Attach	ned	Licensing-r	elated Papers		Appeal Communication to Board of Appeals and Interferences		
Amendment / Re	sponse	Petition			Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)		
After Final Affidavits/o	declaration(s)	Petition to Convert a Provisional Application		Proprietary Information			
Extension of Tim	e Request	Power of A Change of	ttorney, Revocation Correspondence Address		Status Letter		
Express Abandonment Request		Terminal D	isclaimer ·		Other Enclosure(s) (please identify below):		
Information Disclosure Statement		Request fo	r Refund	-	return postcard		
PTO/SB/08		CD, Numbe	CD, Number of CD(s)				
Certified Copy of Priority Document(s)							
Response to Missing Parts/ Incomplete Application		Remarks	 	<u> </u>			
Basic Filing Fee							
	ration/POA						
Response Parts unde 1.52 or 1.5	to Missing er 37 CFR 53						
	SIGNATUR	E OF APPLICA	NT, ATTORNEY, OR A	GENT			
Firm or	Mark C. Van N	ess, Reg. No.	39,865				
Individual name	BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP						
Signature							
Date	Date March 21, 2005						
	CERTIF	ICATE OF MAI	LING/TRANSMISSION				
I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.							
Typed or printed name Gayle Bekish							
Signature 🗀 🤄		rfi		Date	March 21, 2005		

09/753,254

Applicant claims small entity status. See 37 CFR 1.27. Applicant claims small entity status. See 37 CFR 1.27. Applicant claims small entity status. See 37 CFR 1.27. AT Unit Altonomy Docker (S) Applicant claims small entity status. See 37 CFR 1.27. AT Unit Altonomy Docker (S) Account Number: 92.2666 Deposit	FEE TRANSMITTAL Application Number 09/753 254								
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METHOD OF PAYMENT (\$) 130.00 Art Unit Altorney Docket No. 42390P7527	Patent fees are subject to annual revision.								
METHOD OF PAYMENT (check all that apply) □Check □Credit card □ Money Order □None □Other (please identify): □Check □Credit card □ Money Order □None □Other (please identify): □Charge fee(s) indicated below □Charge □Cha	Applicant claims small entity status. See 37 CFR 1.27.				Ollie Pearson				
METHOD OF PAYMENT (check all that apply) □Check □Credit card □ Money Order □None □Other (please identify): □Deposit Account Deposit Account Number: 92-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) □Charge fee(s) indicated below □Charge fee(s) indicated below, except for the filing fee □Charge fee(s) indicated below □Charge fee(s) indicated below, except for the filing fee □Charge any additional fee(s) or underpayment of fee(s) □Charge fee(s) indicated below, except for the filing fee □Charge fee(s) indicated below, except for the filing fee □Charge fee(s) indicated below, except for the filing fee □Charge fee(s) indicated below, except for the filing fee □Charge fee(s) indicated below, except for the filing fee □Charge fee(s) indicated below, except for the filing fee □Charge fee(s) indicated below, except for the filing fee □Charge fee(s) indicated below, except for the filing fee □Charge fee(s) indicated below, except for the filing fee □Charge fee(s) indicated below, except for the filing fee □Charge fee(s) indicated below, except for the filing fee □Charge fee(s) indicated below, except for the filing fee □Charge fee(s) indicated below, except for the filing fee □Charge fee(s) indicated below, except for the filing fee □Charge fee(s) indicated below, except for the filing fee □Charge fee(s) indicated below, except for the filing fee □Charge fee(s) indicated below, except for the filing fee □Charge fee(s) indicated below in Charge fee(s) indicated below, except for the filing fee □Charge fee(s) indicated below in Charge fee(s) indicated below, except for the filing fee □Charge fee(s) indicated below in Charge fee(s) indicated below in Graper Blands to Charge fee fee in Itage on outperspayments □Charge fee(s) indicated below in Grapers Blands to Charge fee fee in Itage in Support of the Support of an appeal □Charge fee(s) indicated below in Grapers Blands to Charge fee (s) indicated be	TOTAL A	MOUNT OF	F PAYMEN	т	(\$) 130.00		42390P7527		
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SUBMITTED BY Complete (if application)					olete (if applicable)
Name (Print/Type)	Mark C. Van Ness	Registration No. (Attorney/Agent)	39,865	Telephone	(503) 439-8778
Signature	11/1/1/1	2 1/d		Date	03/21/05

the specification of which

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Patent

Attorney's Docket No.: P7527

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Mechanism to Avold Explicit Prologs in Software-Pipelined Loops

is attach	ed hereto.				
was filed			•	•	
	United States Application		09/753,254	_	
	or PCT International App			·	
•	and was amended on (N	MM/DD/YYYY)			
			(if applica	able)	
I hereby state that I have including the claim(s), as believe that the claimed my invention thereof, or pinvention thereof or more or on sale in the United Sinvention has not been pdate of this application in by me or my legal represapplication) or six month I acknowledge the duty tdefined in Title 37, Code I hereby claim foreign proforeign application(s) for any foreign application on which price	amended by any amended invention was ever know patented or described in a than one year prior to the states of America more to atented or made the substantives or assigns most of the substantives or assigns most of a design patent appropriate the substantial patent and the substantial patent or inventor's certain patent or inventor's	dment referred in the any printed put his application than one year piect of an inverse than twelve polication) prior known to me Section 1.56.	I to above. I do not be United States or ublication in any control to this application to this application of America on a months (for a utility to this application to be material to plates Code, Sectional or and have also	ot know and f America to contry before as not in puration, and to assued before an application. The patent and the control of	d do not before re my iblic use hat the re the ion filed as as
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Prior Foreign Application	<u>(s)</u>	. •		Claim	<u>ied</u>
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@ 005 09/753,254 Attorney's Docket No.: P7527

Patent

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below: (Filing Date - MM/DD/YYYY) Application Number (Filing Date - MM/DD/YY) Application Number I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56, a copy of which is attached hereto on Appendix B (which is incorporated by reference as part of this document) which became available between the filing date of the prior application and the national or PCT international filing date of this application: (Filing Date - MM/DD/YYYY) Status -- patented, pending, Abandoned Application Number (Filing Date - MM/DD/YYYY) Status -- patented, pending, Abandoned Application Number I hereby appoint the persons listed on Appendix A hereto (which is incorporated by reference and a part of this document) as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith. INTEL CORPORATION Send correspondence to <u>Leo V. Novakoski</u> (Name of Attorney or Agent) SC4-202A, 2200 Mission College Blvd, Santa Clara, California, 95052 and direct telephone calls to Leo V. Novakoski ____, (408) 765-5334. (Name of Attorney or Agent) I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full Name of First/Sole Inventor David A Helder Inventor's Signature Waw a Welin Date 6001-3-27 Residence 681 Marylane Drive, Holland, Michigan 49423 Citizenship United States Post Office Address Same as above Full Name of Second/Joint Inventor Kalvan Muthukumar Inventor's Signature Residence 20219 Camarda Court, Cupertino, CA 95014 Citizenship United States Post Office Address Same as above

09/153,254 Attorney's Docket No.: P7527

Patent

APPENDIX A

William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; William Thomas Babbitt, Reg. No. 39,591; Carol F. Barry, Reg. No. 41,600; Jordan Michael Becker, Reg. No. 39,602; Lisa N. Benado, Reg. No. 39,995; Bradley J. Bereznak, Reg. No. 33,474; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25.831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Andrew C. Chen, Reg. No. 43,544; Thomas M. Coester, Reg. No. 39,637; Donna Jo Coningsby, Reg. No. 41,684; Florin Corie, Reg. No. 46,244; Dennis M. deGuzman, Reg. No. 41,702; Stephen M. De Klerk, Reg. No. 46,503; Michael Anthony DeSanctis, Reg. No. 39,957; Daniel M. De Vos, Reg. No. 37,813; Sanjeet Dutta, Reg. No. 46,145; Matthew C. Fagan, Reg. No. 37,542; Tarek N. Fahmi, Reg. No. 41,402; George Fountain, Reg. No. 37,374; James Y. Go, Reg. No. 40,621; James A. Henry, Reg. No. 41,064; Libby N. Ho, Reg. No. 46,774; Willmore F. Holbrow III, Reg. No. 41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; William W. Kidd, Reg. No. 31,772; Sang Hui Kim, Reg. No. 40,450; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; George Brian Leavell, Reg. No. 45,436; Kurt P. Leyendecker, Reg. No. 42,799; Gordon R. Lindeen III, Reg. No. 33,192; Jan Carol Little, Reg. No. 41,181; Robert G. Litts, Reg. No. 46,876; Joseph Lutz, Reg. No. 43,765; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, under 37 C:F.R. § 10.9(b); Paul A. Mendonsa, Reg. No. 42,879; Clive D. Menezes, Reg. No. 45,493; Chun M. Ng, Reg. No. 36,878; Thien T. Nguyen, Reg. No. 43,835; Thinh V. Nguyen, Reg. No. 42,034; Dennis A. Nicholls, Reg. No. 42,036; Daniel E. Ovanezian, Reg. No. 41,236; Kenneth B. Paley, Reg. No. 38,989; Gregg A. Peacock, Reg. No. 45,001; Marina Portnova, Reg. No. 45,750; William F. Ryann, Reg. 44,313; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Jeffrey Sam Smith, Reg. No. 39,377; Maria McCormack Sobrino, Reg. No. 31,639; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Vincent P. Tassinari, Reg. No. 42,179; Edwin H. Taylor, Reg. No. 25,129; John F. Travis, Reg. No. 43,203; Joseph A. Twarowski, Reg. No. 42,191; Tom Van Zandt, Reg. No. 43,219; Lester J. Vincent, Reg. No. 31,460; Glenn E. Von Tersch, Reg. No. 41,364; John Patrick Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. 46,322; Thomas C. Webster, Reg. No. 46,154; and Norman Zafman, Reg. No. 26,250; my patent attorneys, and Firasat Ali, Reg. No. 45,715; Justin M. Dillon, Reg. No. 42,486; Thomas S. Ferrill, Reg. No. 42,532; and Raul Martinez, Reg. No. 46,904, my patent agents, of BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800, and Alan K. Aldous, Reg. No. 31,905; Edward R. Brake, Reg. No. 37,784; Ben Burge, Reg. No. 42,372; Richard Calderwood, Reg. No. 35,468; Jeffrey S. Draeger, Reg. No. 41,000; Cynthia Thomas Faatz, Reg. No. 39,973; John N. Greaves, Reg. No. 40,362; John F. Kacvinsky, Reg. No. 40,040; Seth Z. Kalson, Reg. No. 40,670; David J. Kaplan, Reg. No. 41,105; Peter Lam, Reg. No. 44,855; Charles A. Mirho, Reg. No. 41,199; Leo V. Novakoski, Reg. No. 37,198; Thomas C. Reynolds, Reg. No. 32,488; Kenneth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Steven P. Skabrat, Reg. No. 36,279; Howard A. Skaist, Reg. No. 36,008; Steven C. Stewart , Reg. No. 33,555; Gene I. Su, Reg. No. 45,140; Calvin E. Wells, Reg. No. P43,256, Raymond J. Werner, Reg. No. 34,752; Robert G. Winkle, Reg. No. 37,474; Sharon Wong, 37,760; Steven D. Yates, Reg. No. 42,242; and Charles K. Young, Reg. No. 39,435; my patent attorneys, of INTEL CORPORATION; and James R. Thein, Reg. No. 31,710, my patent attorney with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Patent

09/753, 254 Attorney's Docket No.: P7527

APPENDIX B

Title 37, Code of Federal Regulations, Section 1.56 Duty to Disclose Information Material to Patentability

- (a) A patent by its very nature is affected with a public interest. The public interest is best served. and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclosure information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclosure all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, Information is material to patentability when it is not cumulative to information already of record or being made or record in the application, and
- (1) It establishes, by Itself or in combination with other Information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:

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- (i) Opposing an argument of unpatentability relied on by the Office, or
- (ii) Asserting an argument of patentabllity.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.